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In the Specification:

Please amend the paragraph beginning on page 12, line 4 as follows:

FIG. 3 is an implementation of the present invention to a peer-to-peer communications network 300, according to another example embodiment of the present invention. The network includes an application routing arrangement 305 and a plurality of system nodes 320 - 327 (*e.g.*, end users) communicatively coupled to an IP communications network 310. The network is adapted to send seed data via communications links 330, 332 and 334, the seed data being used at the node and/or being transferred to additional nodes. The application routing arrangement 305 is adapted to direct routing to each system node using one or more of the system nodes for transferring the data and based upon the available time for making the data transfer. This combination of the routing arrangement 305 and routing implemented using one or more of the system nodes (*e.g.*, one of nodes 320-327) is a network-distributed routing control approach, with aspects of routing control implemented in a distributed manner at both the routing arrangement 305 and at the one or more of the system nodes.

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Please add the following paragraph before the paragraph beginning on page 14, at line 21.

Referring again to FIG. 3, in one implementation, a system directs data on an internet protocol (IP) network having a plurality of communication links (*e.g.*, communications network 300). The system includes an origin node coupled to the network and adapted to supply data to the network, for example, in a manner not inconsistent with FIG. 1 and/or wherein one or more of the system nodes 320-327 is an origin node in the context of implemented seed data as discussed above. A plurality of system nodes (*e.g.*, 320-327) are coupled to the network and adapted to store at least a portion of the data (*e.g.*, seed data) supplied by the origin node. A plurality of servers (*e.g.*, the network 310, one or more of the system nodes 320-327 and/or the routing arrangement 305) are adapted to route data between at least one of the system nodes and the network. A network-distributed application routing controller is implemented in various levels throughout the network, such as with the routing arrangement 305 and one or more of the system nodes 320-327, where the routing arrangement uses a system node for controlling the transfer of data such that the transfer is effected by network-distributed control. The routing controller is further adapted to ascertain location information of the data supplied by the origin node (*e.g.*, seed data), to receive a data request from one of the plurality of system nodes (*e.g.*, 320-327) and to direct routing of the supplied data. This routing is effected from a node on the network to the node to which the data has been requested to be delivered via one of the plurality of communication links and using at least one of the servers, the routing being directed in response to the ascertained data location information. For instance, referring to the example described in the above network-distributed routing approach, data is routed from node 320 to 322 via communications link 332, using node 320 as part of a network-distributed routing controller to effect the routing.

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